

SEQUENCE LISTING

<110> CropDesign N.V.

<120> Plants having increased yield and method for making the same

<130> CD-106-PCT

<150> US 60/532,287

<151> 2003-12-22

<160> 5

<170> PatentIn version 3.3

<210> 1

<211> 1311

<212> DNA

<213> Arabidopsis thaliana

<220>

<221> misc_feature

<223> A variant of the coding sequence of the sequence deposited under accession number NM_121168 contains a G instead of C on position 851 and a T instead of C on position 1295

<400> 1

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gtatcaatac	ctccaacaaa	accttctttt	aaacagcaaa	agagacgtgc	agtacttaag	180
gatgtgagta	atacctctgc	agatattatt	tattcagaac	ttcgaaaggg	aggcaacatc	240
aaggcaaaca	gaaaatgtct	aaaagagcct	aaaaaagcag	caaaggaagg	tgctaacagt	300
gccatggata	ttctggtaga	tatgcataca	gaaaaatcaa	aattagcaga	agatttgtcc	360
aagatcagga	tggtgaagc	ccaagatgtc	tctctttcaa	actttaaaaga	tgaagaaatt	420
actgagcaac	aagaagatgg	atcaggtgtc	atggagttac	ttcaagttgt	agatattgat	480
tccaacgtcg	aagatccaca	gtgttgacgc	ttgtatgctg	ctgatataata	tgacaacata	540
catgttgacg	agcttcaaca	acgacccttg	gctaattata	tgagagcttg	gcagcgagat	600
atcgaccag	acatgagaaa	gattctgatt	gactggcttg	tagaagtttc	tgacgactac	660
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tacacaagac	cagaagtgtc	gagcatggag	attcaaattc	taaattttgt	gcactttaga	900
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gtggaatata	gtttcctaag	gttcctgcca	tcactaattg	ctgcttcagc	tgttttccta	1080
gcccgatgga	cactcgacca	aactgacat	ccttgggaacc	ctactctgca	acactacacc	1140
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accagtggct	gtactctcgc	tgccacccgt	gagaaataca	accaaccaaa	gtttaagagc	1260
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<210> 2

<211> 436

<212> PRT

<213> Arabidopsis thaliana

<220>

<221> MISC_FEATURE

<223> A variant of the sequence deposited under accession number NP_568248 contains an arginine instead of a proline on position

284 and a phenylalanine instead of a serine on position 432

<400> 2

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Ser Thr Ser Asp Val Gln Glu Ser Phe Val Arg Ile Thr Arg Ser Arg
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Ala Lys Lys Ala Met Gly Arg Gly Val Ser Ile Pro Pro Thr Lys Pro
          35          40          45

Ser Phe Lys Gln Gln Lys Arg Arg Ala Val Leu Lys Asp Val Ser Asn
          50          55          60

Thr Ser Ala Asp Ile Ile Tyr Ser Glu Leu Arg Lys Gly Gly Asn Ile
65          70          75          80

Lys Ala Asn Arg Lys Cys Leu Lys Glu Pro Lys Lys Ala Ala Lys Glu
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Gly Ala Asn Ser Ala Met Asp Ile Leu Val Asp Met His Thr Glu Lys
          100          105          110

Ser Lys Leu Ala Glu Asp Leu Ser Lys Ile Arg Met Ala Glu Ala Gln
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Asp Val Ser Leu Ser Asn Phe Lys Asp Glu Glu Ile Thr Glu Gln Gln
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Glu Asp Gly Ser Gly Val Met Glu Leu Leu Gln Val Val Asp Ile Asp
145          150          155          160

Ser Asn Val Glu Asp Pro Gln Cys Cys Ser Leu Tyr Ala Ala Asp Ile
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Tyr Asp Asn Ile His Val Ala Glu Leu Gln Gln Arg Pro Leu Ala Asn
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Tyr Met Glu Leu Val Gln Arg Asp Ile Asp Pro Asp Met Arg Lys Ile
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Leu Ile Asp Trp Leu Val Glu Val Ser Asp Asp Tyr Lys Leu Val Pro
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Asp Thr Leu Tyr Leu Thr Val Asn Leu Ile Asp Arg Phe Leu Ser Asn
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Ser Tyr Ile Glu Arg Gln Arg Leu Gln Leu Leu Gly Val Ser Cys Met
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Leu Ile Ala Ser Lys Tyr Glu Glu Leu Ser Ala Pro Gly Val Glu Glu
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Phe Cys Phe Ile Thr Ala Asn Thr Tyr Thr Arg Pro Glu Val Leu Ser
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Met Glu Ile Gln Ile Leu Asn Phe Val His Phe Arg Leu Ser Val Pro
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Thr Thr Lys Thr Phe Leu Arg Arg Phe Ile Lys Ala Ala Gln Ala Ser
 305 310 315 320
 Tyr Lys Val Pro Phe Ile Glu Leu Glu Tyr Leu Ala Asn Tyr Leu Ala
 325 330 335
 Glu Leu Thr Leu Val Glu Tyr Ser Phe Leu Arg Phe Leu Pro Ser Leu
 340 345 350
 Ile Ala Ala Ser Ala Val Phe Leu Ala Arg Trp Thr Leu Asp Gln Thr
 355 360 365
 Asp His Pro Trp Asn Pro Thr Leu Gln His Tyr Thr Arg Tyr Glu Val
 370 375 380
 Ala Glu Leu Lys Asn Thr Val Leu Ala Met Glu Asp Leu Gln Leu Asn
 385 390 395 400
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 Leu Phe Ser Arg
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<210> 3
 <211> 654
 <212> DNA
 <213> Oryza sativa

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 ttattgtaaa gttctacaaa gctaatttaa aagttattgc attaacttat ttcataattac 180
 aaacaagagt gtcaatggaa caatgaaaac catatgacat actataattt tgtttttatt 240
 attgaaatta tataattcaa agagaataaa tccacatagc cgtaaagttc tacatgtggt 300
 gcattaccaa aatatatata gcttacaaaa catgacaagc ttagtttgaa aaattgcaat 360
 ccttatcaca ttgacacata aagtgagtga tgagtcataa tattattttc ttgctaccc 420
 atcatgtata tatgatagcc acaaagttac tttgatgatg atatcaaaga acatttttag 480
 gtgcacctaa cagaatatcc aaataatatg actcacttag atcataatag agcatcaagt 540
 aaaactaaca ctctaaagca accgatggga aagcatctat aaatagacaa gcacaatgaa 600
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 <213> Artificial sequence

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 <223> primer PRM582

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<210> 5
 <211> 52

<212> DNA
<213> Artificial sequence

<220>
<223> primer PRM583

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